

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/511,910A

Source: PG 1/10

Date Processed by STIC: 6/15/05

# ***ENTERED***

**CRF Errors Edited by the STIC Systems  
Branch**

Serial Number: 10/511,910A

CRF Edit Date: 6/17/05  
Edited by: [signature]

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

/ Deleted: / invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

/ Other: deleted alphabetical headings in <1107, <1207,

\_\_\_\_\_

\_\_\_\_\_

Revised 09/09/2003

**BEST AVAILABLE COPY**



PCT10

## RAW SEQUENCE LISTING

DATE: 06/17/2005

PATENT APPLICATION: US/10/511,910A

TIME: 19:07:48

Input Set : N:\AMC\J511910a.raw

Output Set: N:\CRF4\06172005\J511910A.raw

1 <110> APPLICANT: Japan Science and Technology Corporation  
2 <120> TITLE OF INVENTION: A method for detection of rheumatoid  
3 arthritis by detecting the upregulation of expression of WNT  
4 <130> FILE REFERENCE: TAN-345  
5 <140> CURRENT APPLICATION NUMBER: US/10/511,910A  
6 <141> CURRENT FILING DATE: 2004-10-20  
7 <160> NUMBER OF SEQ ID NOS: 44  
9 <210> SEQ ID NO: 1  
10 <211> LENGTH: 20  
11 <212> TYPE: DNA  
12 <213> ORGANISM: Artificial Sequence  
13 <220> FEATURE:  
14 <223> OTHER INFORMATION: primer  
15 <400> SEQUENCE: 1  
16 tcctgctcag aaggttccat 20  
18 <210> SEQ ID NO: 2  
19 <211> LENGTH: 20  
20 <212> TYPE: DNA  
21 <213> ORGANISM: Artificial Sequence  
22 <220> FEATURE:  
23 <223> OTHER INFORMATION: primer  
24 <400> SEQUENCE: 2  
25 gctgtacgtg cagaagttgg 20  
27 <210> SEQ ID NO: 3  
28 <211> LENGTH: 20  
29 <212> TYPE: DNA  
30 <213> ORGANISM: Artificial Sequence  
31 <220> FEATURE:  
32 <223> OTHER INFORMATION: primer  
33 <400> SEQUENCE: 3  
34 ctgtatcagg gaccgagagg 20  
36 <210> SEQ ID NO: 4  
37 <211> LENGTH: 20  
38 <212> TYPE: DNA  
39 <213> ORGANISM: Artificial Sequence  
40 <220> FEATURE:  
41 <223> OTHER INFORMATION: primer  
42 <400> SEQUENCE: 4  
43 caaagagaac tcgccaggag 20  
45 <210> SEQ ID NO: 5  
46 <211> LENGTH: 20  
47 <212> TYPE: DNA  
48 <213> ORGANISM: Artificial Sequence

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49 <220> FEATURE:  
50 <223> OTHER INFORMATION: primer  
51 <400> SEQUENCE: 5  
52     actgagtgtg tgcagctgtg       20  
54 <210> SEQ ID NO: 6  
55 <211> LENGTH: 20  
56 <212> TYPE: DNA  
57 <213> ORGANISM: Artificial Sequence  
58 <220> FEATURE:  
59 <223> OTHER INFORMATION: primer  
60 <400> SEQUENCE: 6  
61     tgatgtcttg ctgcagacac       20  
63 <210> SEQ ID NO: 7  
64 <211> LENGTH: 20  
65 <212> TYPE: DNA  
66 <213> ORGANISM: Artificial Sequence  
67 <220> FEATURE:  
68 <223> OTHER INFORMATION: primer  
69 <400> SEQUENCE: 7  
70     acttcggcgt gttagtctcc       20  
72 <210> SEQ ID NO: 8  
73 <211> LENGTH: 20  
74 <212> TYPE: DNA  
75 <213> ORGANISM: Artificial Sequence  
76 <220> FEATURE:  
77 <223> OTHER INFORMATION: primer  
78 <400> SEQUENCE: 8  
79     atTTTTcctt ccgcttctcc       20  
81 <210> SEQ ID NO: 9  
82 <211> LENGTH: 20  
83 <212> TYPE: DNA  
84 <213> ORGANISM: Artificial Sequence  
85 <220> FEATURE:  
86 <223> OTHER INFORMATION: primer  
87 <400> SEQUENCE: 9  
88     ttgaggagtg ccactaccag       20  
90 <210> SEQ ID NO: 10  
91 <211> LENGTH: 20  
92 <212> TYPE: DNA  
93 <213> ORGANISM: Artificial Sequence  
94 <220> FEATURE:  
95 <223> OTHER INFORMATION: primer  
96 <400> SEQUENCE: 10  
97     ttgaactgtg cgttgcgtgg       20  
99 <210> SEQ ID NO: 11  
100 <211> LENGTH: 20  
101 <212> TYPE: DNA  
102 <213> ORGANISM: Artificial Sequence  
103 <220> FEATURE:

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104 <223> OTHER INFORMATION: primer  
105 <400> SEQUENCE: 11  
106       cagttcaaga ccgtgcagac       20  
108 <210> SEQ ID NO: 12  
109 <211> LENGTH: 20  
110 <212> TYPE: DNA  
111 <213> ORGANISM: Artificial Sequence  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: primer  
114 <400> SEQUENCE: 12  
115       tggaacctac ccatcccata       20  
117 <210> SEQ ID NO: 13  
118 <211> LENGTH: 20  
119 <212> TYPE: DNA  
120 <213> ORGANISM: Artificial Sequence  
121 <220> FEATURE:  
122 <223> OTHER INFORMATION: primer  
123 <400> SEQUENCE: 13  
124       gtgctgcttc gtcaggtgta       20  
126 <210> SEQ ID NO: 14  
127 <211> LENGTH: 20  
128 <212> TYPE: DNA  
129 <213> ORGANISM: Artificial Sequence  
130 <220> FEATURE:  
131 <223> OTHER INFORMATION: primer  
132 <400> SEQUENCE: 14  
133       cgagggttgaa gctgagttcc       20  
135 <210> SEQ ID NO: 15  
136 <211> LENGTH: 20  
137 <212> TYPE: DNA  
138 <213> ORGANISM: Artificial Sequence  
139 <220> FEATURE:  
140 <223> OTHER INFORMATION: primer  
141 <400> SEQUENCE: 15  
142       caactgcaca acaacgaggc       20  
144 <210> SEQ ID NO: 16  
145 <211> LENGTH: 20  
146 <212> TYPE: DNA  
147 <213> ORGANISM: Artificial Sequence  
148 <220> FEATURE:  
149 <223> OTHER INFORMATION: primer  
150 <400> SEQUENCE: 16  
151       gtactacgca gcaccagtgg       20  
153 <210> SEQ ID NO: 17  
154 <211> LENGTH: 20  
155 <212> TYPE: DNA  
156 <213> ORGANISM: Artificial Sequence  
157 <220> FEATURE:  
158 <223> OTHER INFORMATION: primer

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Input Set : N:\AMC\J511910a.raw

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159 <400> SEQUENCE: 17  
160       gagaagcaag gccagtagca       20  
162 <210> SEQ ID NO: 18  
163 <211> LENGTH: 20  
164 <212> TYPE: DNA  
165 <213> ORGANISM: Artificial Sequence  
166 <220> FEATURE:  
167 <223> OTHER INFORMATION: primer  
168 <400> SEQUENCE: 18  
169       acagcacatg aggtcacagc       20  
171 <210> SEQ ID NO: 19  
172 <211> LENGTH: 20  
173 <212> TYPE: DNA  
174 <213> ORGANISM: Artificial Sequence  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: primer  
177 <400> SEQUENCE: 19  
178       acatgctatc agctctgctg       20  
180 <210> SEQ ID NO: 20  
181 <211> LENGTH: 20  
182 <212> TYPE: DNA  
183 <213> ORGANISM: Artificial Sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: primer  
186 <400> SEQUENCE: 20  
187       aaagatcagt tccgcctctg       20  
189 <210> SEQ ID NO: 21  
190 <211> LENGTH: 20  
191 <212> TYPE: DNA  
192 <213> ORGANISM: Artificial Sequence  
193 <220> FEATURE:  
194 <223> OTHER INFORMATION: primer  
195 <400> SEQUENCE: 21  
196       gaaagtggca agctttggag       20  
198 <210> SEQ ID NO: 22  
199 <211> LENGTH: 20  
200 <212> TYPE: DNA  
201 <213> ORGANISM: Artificial Sequence  
202 <220> FEATURE:  
203 <223> OTHER INFORMATION: primer  
204 <400> SEQUENCE: 22  
205       gaaagtggca agctttggag       20  
207 <210> SEQ ID NO: 23  
208 <211> LENGTH: 20  
209 <212> TYPE: DNA  
210 <213> ORGANISM: Artificial Sequence  
211 <220> FEATURE:  
212 <223> OTHER INFORMATION: primer  
213 <400> SEQUENCE: 23

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214      aatgaggctt cacaacaacc      20
216 <210> SEQ ID NO: 24
217 <211> LENGTH: 20
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: primer
222 <400> SEQUENCE: 24
223      tcatgtgggc caatctcctc      20
225 <210> SEQ ID NO: 25
226 <211> LENGTH: 20
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: primer
231 <400> SEQUENCE: 25
232      cttcattgat acccacaacc      20
234 <210> SEQ ID NO: 26
235 <211> LENGTH: 20
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: primer
240 <400> SEQUENCE: 26
241      attgttgggg agaaggctac      20
243 <210> SEQ ID NO: 27
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: primer
249 <400> SEQUENCE: 27
250      tgacctcaag acccgatacc      20
252 <210> SEQ ID NO: 28
253 <211> LENGTH: 20
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: primer
258 <400> SEQUENCE: 28
259      caagtgaagg caaagcacia      20
261 <210> SEQ ID NO: 29
262 <211> LENGTH: 20
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: primer
267 <400> SEQUENCE: 29
268      aagatggtgc caacttcacc      20
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**VERIFICATION SUMMARY**

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